



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr. Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

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20-11

AGRICULTURAL NEWS: The Commonwealth finally received a break in the oppressive weather pattern of the past two months. Both temperature and humidity returned to more normal conditions. It's too early to tell if this signals a return to average conditions or just welcome relief. Rainfall for the week averaged 0.74 inches Statewide which is 84 percent of normal. Many fields continue to be stressed. The rate of decline of crop conditions was probably slowed by this return to more normal weather conditions. **Topsoil moisture** was rated 9 percent very short, 35 percent short, 54 percent adequate and 2 percent surplus. **Subsoil moisture** was rated 6 very short, 35 percent short, 57 percent adequate and 2 percent surplus. There were 5.9 days out of a possible 7 that were suitable for fieldwork. Main farm activities for the week included mowing pastures, reseeding of hay fields and pastures, spraying field crops, topping and cutting of tobacco.

ROW CROPS: **Corn** crop condition was rated as 1 percent very poor, 5 percent poor, 27 percent fair, 48 percent good, and 19 percent excellent. Percent of corn silked was at 92 percent complete as of Sunday August 14. Last year it was 99 percent and the five year average was 99 percent. Corn milked was at 71 percent, well behind 95 percent for 2010 and the average of 87 percent. Percent of corn that has reached the dough stage was 48 percent, compared to 77 percent the previous year and 67 percent for the average. Twenty-eight percent had dented, behind the 63 percent of a year ago and the 44 percent average. **Soybean** condition was rated 1 percent very poor, 7 percent poor, 28 percent fair, 50 percent good, and 14 percent excellent. Percent of soybeans blooming was at 84 percent, compared to 91 percent the previous year and 85 percent on average. Soybeans setting pods was at 56 percent, also behind last year at 79 percent and 64 percent for the average. Full season beans are fairing much better than double crop beans.

TOBACCO: Burley tobacco topped was 49 percent of the crop, compared to 70 percent a year ago and the five year average of 64 percent. Percent of Burley tobacco cut was at 9 percent, compared to 13

percent last year and 11 percent for the average. Dark tobacco topped was at 79 percent, comparable to 88 percent last year, but almost the same as the average of 80 percent. Thirteen percent of the dark tobacco was cut, compared to 9 percent the previous year and 6 percent for the five year average. Set tobacco condition varied little over the week and was rated at 1 percent very poor, 7 percent poor, 30 percent fair, 46 percent good, and 16 percent excellent.

OTHER CROPS AND PASTURE: **Pasture** condition was reported as 3 percent very poor, 12 percent poor, 35 percent fair, 41 percent good, and 9 percent excellent. Hay crop condition was rated at 1 percent very poor, 9 percent poor, 33 percent fair, 49 percent good, and 8 percent excellent.

CROP PROGRESS for week ending 08/14/11

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Silk	92	82	99	99
Corn Milk	71	57	95	87
Corn Dough	48	35	77	67
Corn Dent	28	15	63	44
Soybeans Blooming	84	71	91	85
Soybeans Setting Pods	56	42	79	64
Burley Tobacco Topped	49	32	70	64
Burley Tobacco Cut	9	NA	13	11
Dark Tobacco Topped	79	65	88	80
Dark Tobacco Cut	13	NA	9	6

SOIL MOISTURE for week ending 08/14/11

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	9	35	54	2
Subsoil	6	35	57	2

CROP CONDITIONS for week ending 08/14/11

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	1	5	27	48	19
Soybeans	1	7	28	50	14
Pasture	3	12	35	41	9
Hay Crops	1	9	33	49	8
Tobacco Set	1	7	30	46	16

KENTUCKY WEATHER SUMMARY, AUGUST 8 - 14, 2011:

Near Normal Temperatures and Below Normal Rainfall:

Big temperature change for the past week as cloudy skies and cooler temperatures were the rule. After nearly 5 weeks of oppressive heat and humidity, seasonably cooler temperatures prevailed last week. The eastern half of the Commonwealth was the big winner on rainfall last week. West and Central locations were well below normal for the week, the Bluegrass area near normal rainfall and east well above normal rainfall.

Temperatures for the past 7 days averaged 75 degrees across the state which was near normal and 6 degrees cooler than the previous period. High temperatures averaged from 86 in the West to 85 in the East. Departure from normal high temperatures ranged from 2 degrees cooler than normal in the West to 1 degree cooler than normal in the East. Low temperatures averaged from 67 degrees in the West to 64 degrees in the East. Departure from normal low temperature ranged from 1 degree warmer than normal in the West to 1 degree warmer than normal in the East. The extreme high temperature for the period was 96 degrees at Bowling Green and the extreme low was 51 degrees at Cynthiana.

Rainfall for the period totaled 0.74 inches statewide which was 0.14 inches below normal and 84% of normal. Rainfall totals by climate division, West 0.32 inches, Central 0.40 inches, Bluegrass 0.81 inches and East 1.42 inches, which was -0.51, -0.46, -0.06 and 0.45 inches respectively from normal. By station, rainfall totals ranged from a low of 0.00 inches at Fort Campbell to a high of 2.41 inches at Barbourville.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, AUGUST 14, 7:00 P.M.

Weather Station	Rainfall			Dev. From		Air Temperature				Growing Degree Days		
	=====			=====		=====				=====		
	Since Last	April 1	Last Four Wks.	Norm Since Apr 1	Norm Last 4 Wks.	Dev. Wkly. From Avg. Norm			Since Last Week	Dev. Apr 1	Since Apr 1	
	Week	1	Wks.	Apr 1	4 Wks.	Hi	Lo	Avg.	Norm	Week	1	Apr 1
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